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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,575	03/25/2004	Arjan De Mes	GB920030013US1	7131

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IBM CORPORATION  
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EXAMINER

MAHMOOD, REZWANUL

ART UNIT PAPER NUMBER

2164

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/809,575	<b>Applicant(s)</b> DE MES, ARJAN	
	<b>Examiner</b> Rezwanul Mahmood	<b>Art Unit</b> 2164	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 25 March 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**SAM RIMELL**  
**PRIMARY EXAMINER**

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 1, 7, and 12 are objected to because of the following informalities:
2. In claim 1 line 4, "automatially" should be "automatically".
3. In claim 7 line 6, "automatially" should be "automatically".
4. In claim 12 line 4, "automatially" should be "automatically".
5. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-4, 7-9, and 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Sommerer (US Publication 2004/0001104).

8. With respect to claim 1, Sommerer discloses a method for creating a searchable personal browsing history, the method comprising the steps of:

in response to a user request to obtain a web page from the Internet,

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automatically extracting metadata and textual data from the web page obtained from the Internet (Sommerer: Paragraph 27, lines 3-11);

indexing the extracted metadata and textual data and storing the indexed metadata and textual data (Sommerer: Paragraph 28, lines 7-11; Paragraph 43, lines 1-12);

and subsequently displaying the stored metadata and textual data in categories based on the indexing, and enabling searching of the displayed categories of metadata and textual data (Sommerer: Paragraph 11, lines 1-19).

9. With respect to claim 2, Sommerer discloses a method as claimed in claim 1 wherein the extracted metadata and textual data are stored with a reference to a location on the Internet from which the data resource was originally obtained (Sommerer: Paragraph 11, lines 1-19).

10. With respect to claim 3, Sommerer discloses a method as claimed in claim 1 wherein the indexing of stored metadata and textual data is updated each time new metadata and textual data is extracted from a new web page received from the Internet (Sommerer: Paragraph 54, lines 1-26).

11. With respect to claim 4, Sommerer discloses a method as claimed in claim 1 further comprising the step of a user searching the displayed categories of metadata and textual data (Sommerer: paragraph 11, lines 1-19).

12. With respect to claim 7, Sommerer discloses a computer program product for creating a searchable personal browsing history, said computer program product comprising:

a computer readable medium (Sommerer: Figure 10);

first program instructions to respond to a user request to obtain a web page from the Internet, by automatically extracting metadata and textual data from the web page obtained from the Internet (Sommerer: Paragraph 27, lines 3-11);

second program instructions to index the extracted metadata and textual data and store the indexed metadata and textual data (Sommerer: Paragraph 28, lines 7-11; Paragraph 43, lines 1-12); and

third program instructions to subsequently display the stored metadata and textual data in categories based on the indexing, and enable searching of the displayed categories of metadata and textual data (Sommerer: Paragraph 11, lines 1-19); and wherein

said first, second and third program instructions are recorded on said medium (Sommerer: Paragraph 13, lines 1-14).

13. With respect to claim 8, Sommerer discloses a program product as claimed in claim 7 wherein the extracted metadata and textual data are stored with a reference to a location on the Internet from which the data resource was originally obtained (Sommerer: Paragraph 11, lines 1-19).

14. With respect to claim 9, Sommerer discloses a program product as claimed in claim 7 wherein the indexing of stored metadata and textual data is updated each time new metadata and textual data is extracted from a new web page received from the Internet (Sommerer: Paragraph 54, lines 1-26).

15. With respect to claim 12, Sommerer discloses a system for creating a searchable personal browsing history, said system comprising:

means for responding to a user request to obtain a web page from the Internet, by automatically extracting metadata and textual data from the web page obtained from the Internet (Sommerer: Paragraph 27, lines 3-11);

means for indexing the extracted metadata and textual data and storing the indexed metadata and textual data (Sommerer: Paragraph 28, lines 7-11; Paragraph 43, lines 1-12); and

means for subsequently displaying the stored metadata and textual data in categories based on the indexing, and enabling searching of the displayed categories of metadata and textual data (Sommerer: Paragraph 11, lines 1-19).

### ***Claim Rejections - 35 USC § 103***

16. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

17. Claims 5, 6, 10, and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sommerer (US Publication 2004/0001104) in view of Fries (US Publication 2002/0147724).

18. With respect to claim 5, Sommerer discloses a method as claimed in claim 1, however, does not disclose expressly further comprising the step of calculating statistical information on the extracted metadata relating to a user's browsing activity.

The Fries reference, however, teaches about calculating statistical information relating to user's browsing activity (Fries: Paragraph 72, lines 1-6; Paragraph 73, lines 1-5; Figure 5; Here statistical information such as recently visited sites or frequently visited sites have been calculated).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art, to have added the feature of calculating statistical information on the extracted metadata relating to a user's browsing activity.

The suggestion or motivation of doing so would be to increase user interaction in the searching process and making the search process more entertaining (Fries: Paragraph 12, lines 4-7).

Therefore, it would have been obvious to combine Sommerer with Fries for the benefit of a searchable personal browsing history.

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19. Claims 6, 10, and 11 share the same suggestion or motivation as mentioned above.

20. With respect to claim 6, Sommerer in view of Fries discloses a method as claimed in claim 5 wherein the statistical information comprises recently visited web pages, most frequently visited web pages, recently visited downloads and recently visited images (Fries: Paragraph 72, lines 1-6; Paragraph 73, lines 1-5; Figure 5).

21. With respect to claim 10, Sommerer in view of Fries discloses a program product as claimed in claim 7 further comprising fourth program instructions to calculate statistical information on the extracted metadata relating to a user's browsing activity; and wherein said fourth program instructions are recorded on said medium (Fries: Paragraph 72, lines 1-6; Paragraph 73, lines 1-5; Figure 5).

22. With respect to claim 11, Sommerer in view of Fries discloses a program product as claimed in claim 10 wherein the statistical information comprises recently visited web pages, most frequently visited web pages, recently visited downloads and recently visited images (Fries: Paragraph 72, lines 1-6; Paragraph 73, lines 1-5; Figure 5).

### ***Conclusion***

23. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Abajian reference (US Patent 6,785,688) teaches about



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extracting metadata and grouping search results according to the attributes of the metadata.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rezwanul Mahmood whose telephone number is (571)272-5625. The examiner can normally be reached on m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571)272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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